

Converting Colors

CIELCh(96, 81.164, 101.977)

Have a look what the booklet for
CIELCh(96, 81.164, 101.977)
contains.

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Color

CIELCh(96, 81.043, 102.121)

Conversions

Conversions Part 1

Format	Color
Hex	FFFA4C
RGB	255, 250, 76
RGB Percent	100%, 98%, 30%
CMY	0.0000, 0.0212, 0.7034
CMYK	0.00, 0.02, 0.70, 0.00
HSL	58°, 100%, 65%
HSV	58°, 70%, 100%
XYZ	76.8180, 90.0078, 20.0940
YIQ	231.6590, 58.8340, -53.0540

Conversions

Conversions Part 2

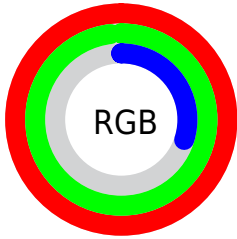
Format	Color
R_{YB}	81, 255, 76
Decimal	16775756
CIE _{Lab}	96.00, -17.02, 79.24
CIE _{LCh}	96, 81.043, 102.121
Yxy	90.0078, 0.4110, 0.4815
Android (android.graphics.Color)	4294965836 (0xFFFFFA4C)
YUV	231.6590, -76.7399, 20.4701
Hunter-Lab	94.8724, -21.4957, 53.8531

Details

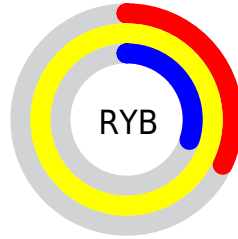
The CIELCh color **96, 81.043, 102.121** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **45, 101.092, 301.167**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 59.063, 105.657**, and **76, 78.890, 102.531** is the 20% darker color. If you saturate the color by 10%, you get **96, 88.211, 101.669**, and if you desaturate by 10%, it is **96, 71.825, 103.086**.

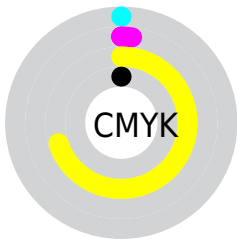
Distribution



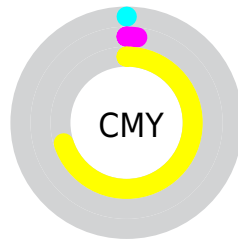
- Red (100%)
- Green (98%)
- Blue (30%)



- Red (32%)
- Yellow (100%)
- Blue (30%)



- Cyan (0%)
- Magenta (2%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 81.043, 102.121 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 96, 81.043, 102.121 by changing the saturation by 10% instead.


 96, 81.043,
102.121


 96, 81.043,
102.121


 100, 81.043,
102.121


 86, 81.043,
102.121

 76, 81.043,
102.121

 66, 81.043,
102.121

 56, 81.043,
102.121

 46, 81.043,
102.121

 36, 81.043,
102.121

 26, 81.043,

102.121

■ 16, 81.043,
102.121

■ 6, 81.043, 102.121

■ 96, 81.043,
102.121

■ 96, 81.043,
102.121

■ 96, 88.211,
101.669

■ 96, 71.825,
103.086

■ 95, 92.769,
101.196

■ 97, 61.224,
103.967

■ 95, 94.734,
100.881

■ 97, 49.742,
104.917

■ 98, 37.730,
105.907

■ 98, 25.418,
106.914

■ 99, 12.950,
107.919

100, 0.415,
108.700

100, 0.012,
296.813

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



96, 81.043, 102.121



45, 101.092, 301.167

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 81.043, 102.121



96, 81.043, 152.121



96, 81.043, 282.121



96, 81.043, 332.121

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



96, 81.034, 102.308



98, 26.236, 106.848



59, 76.906, 28.648



52, 17.738, 106.569



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 81.034, 102.308



96, 90.205, 101.476



92, 89.822, 125.121



53, 7.120, 108.002



74, 76.332, 100.916



25, 34.697, 101.322

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45, 101.092, 301.167



37, 119.995, 304.088



52, 101.190, 311.573



49, 7.273, 289.970



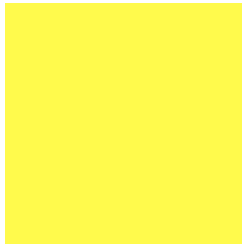
23, 106.425, 305.940



4, 43.171, 301.258

Previews

White Background



This preview shows how the CIELCh color 96, 81.043, 102.121 looks on a white background.

Color Contrast Check

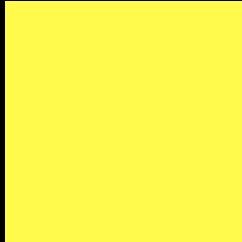
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 81.043, 102.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 81.043, 102.121

Background



This preview shows how black text looks on a background with the CIELCh color 96, 81.043, 102.121.



This preview shows how white text looks on a background with the CIELCh color 96, 81.043, 102.121.

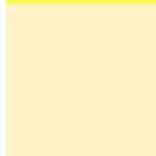
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

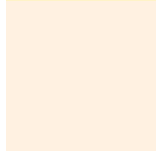
Dichromacy




Original Color
96, 81.052, 102.436



Protanopia
96, 22.869, 96.931



Deuteranopia
96, 9.631, 77.413



Tritanopia
96, 7.016, 344.104

Trichromacy



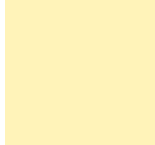
Original Color
96, 81.052, 102.436



Protanomaly
96, 45.908, 101.588



Deuteranomaly
96, 37.195, 100.601

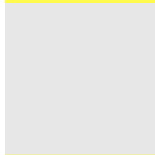


Tritanomaly
96, 29.842, 98.917

Monochromacy



Original Color
96, 81.052, 102.436



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 32.109, 106.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 81.043, 102.121 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 250, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 76)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 250, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 81.043, 102.121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 250, 76) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 250, 76) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 250, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 81.043, 102.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 76) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
250, 76) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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